

Catholic Mutual...CARES

Solar Eclipse

On April 8, 2024, a total solar eclipse will cross North America, passing over Mexico, the United States and Canada. A total solar eclipse happens when the moon passes between the sun and earth, completely blocking the face of the sun. The sky will darken as if it were dawn or dusk.

The total solar eclipse will begin over the South Pacific Ocean. Weather permitting, the first location that will experience totality is Mexico's Pacific coast at around 11:07 PDT. The path will then continue into Texas and travel through Oklahoma, Arkansas, Missouri, Illinois, Kentucky, Indiana, Ohio, Pennsylvania, New York, Vermont, New Hampshire and Maine.

For more details on the 2024 eclipse, please visit <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/where-when/>

Safety Tips for Viewing the Solar Eclipse

- The only way to safely look directly at an eclipsed sun is through special-purpose solar filters, such as "eclipse glasses" or hand-held solar viewers.
- Always inspect your solar filter before use; if scratched or damaged, discard it. Read and follow any instructions on or packaged with filter.
- Always supervise children using eclipse glasses and solar filters.
- Stand still and cover your eyes with your eclipse glasses or solar viewer before looking up at the sun. After glancing at the eclipsed sun, turn away and remove your filter –do not remove it while looking at the eclipsed sun.
- Do not look at the eclipsed sun through an unfiltered camera, telescope, binoculars, or other optical device. Similarly, do not look at the eclipsed sun through a camera, a telescope, binoculars, or any other optical device while using your eclipse glasses or hand held solar viewer –the concentrated solar rays will damage the filter and enter your eye(s), causing serious injury.
- Sunglasses are never a substitute for eclipse glasses.
- Children that are not age appropriate or mature enough to know the importance of following the viewing guidelines should not be permitted to view the eclipsed sun.